

Sundew Solutions Pty Ltd
Unit 11, 4 Dunlop Court
Bayswater VIC 3153

Eurofins Sample Number FQ20AA1619-2	
Original Received Date:	23-Apr-2020
Description:	Sundew Surface Disinfectant
Lot Number:	008-177-2
Containers Submitted:	1 Bottle(s)
Analysis	Result
Time Kill Test	See Attached Report for Result
Refer to Attachment # 1	----
Method: TMD 110, EN 1276	
Analysis Date: 07-May-2020	
Supplemental Information	
Specifications (if) reported are as provided by the client.	
The Accreditation logo on this Analytical report relates to Eurofins BPT Testing Facility.	
Eurofins BPT Testing Facility	Test
Eurofins ams Laboratories Pty Ltd 8, Rachael Close Silverwater, NSW 2128 AUSTRALIA	Time Kill Test

Medsafe GMP certificate number TT 60-200-16-3

Questions about this report should be directed to your project manager or the general email listed above.

Reviewed and electronically signed for Data Reviewer Authorized by
Teresa Susanto, Laboratory Manager- Sterility
for Eurofins ams Laboratories Pty Ltd, on 15-May-2020 13:59:47 UTC+12:00
Reviewed and electronically signed for Project Manager Approval by
Derek Radford, Business Unit Manager
for Eurofins BioPharma Product Testing NZ Ltd, on 15-May-2020 19:29:33 UTC+12:00

Test Conditions	
Test Concentration	Neat
Contact Time	1 Minute, 2 Minutes and 5 Minutes
Neutraliser/ Dilution	T6 1:10
Test Conditions	Dirty (0.3% BSA)
Test Temperature	Room Temperature

RESULTS

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log ₁₀)	1 Minute	
		CFU/mL (Log ₁₀)	Log reduction
<i>S.aureus</i> ATCC 6538	2.95 x 10 ⁷ (7.47)	<10 (<1.00)	>6.47
<i>E.coli</i> ATCC 10536	2.39 x 10 ⁷ (7.38)	<10 (<1.00)	>6.38

CFU = Colony Forming Unit

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log ₁₀)	2 Minutes	
		CFU/mL (Log ₁₀)	Log reduction
<i>S.aureus</i> ATCC 6538	2.95 x 10 ⁷ (7.47)	<10 (<1.00)	>6.47
<i>E.coli</i> ATCC 10536	2.39 x 10 ⁷ (7.38)	<10 (<1.00)	>6.38

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log ₁₀)	5 Minutes	
		CFU/mL (Log ₁₀)	Log reduction
<i>S.aureus</i> ATCC 6538	2.95 x 10 ⁷ (7.47)	<10 (<1.00)	>6.47
<i>E.coli</i> ATCC 10536	2.39 x 10 ⁷ (7.38)	<10 (<1.00)	>6.38

Table 2 Neutralisation Validation Results					
Organisms	Validation suspension (Nv)	Experimental condition (A)	Neutralizer control (B)	Method validation (C)	Pass/Fail
<i>S.aureus</i> ATCC 6538	20	20	23	20	Pass
<i>E.coli</i> ATCC 10536	37	40	46	38	Pass

A, B & C must be $\geq 0.5N_v$

COMMENTS: The product showed greater than 6 log reduction against *S.aureus* and *E.coli* at 1 Minute, 2 Minutes and 5 Minutes contact times.